<u>**AMENDMENTS TO THE CLAIMS:**</u>

Please amend claims 1-20 as follows:

1. (Currently Amended) A method for providing reliable transmission Quality of Service (QoS) ~~of service~~ in <u>a</u> communication network, [[wherein,]] <u>the method</u> comprising:

A. [[Creating]] <u>creating</u> a QoS connection between bearer network resource managers in the communication network;

B. [[Exchanging]] <u>exchanging</u> and negotiating [[the]] QoS information, which the communication network ~~should provide~~ <u>provides</u> during [[the]] data transmission ~~procedure,~~ among the bearer network resource managers through the ~~said~~ QoS connection; <u>and</u>

C. [[According]] <u>according</u> to the QoS information sent by <u>a respective bearer network resource manager of</u> the bearer network resource ~~manager~~ <u>managers</u>, [[the]] <u>a</u> connection node connected to [[this]] <u>the respective</u> bearer network resource manager providing corresponding resource.

2. (Currently Amended) The method according to claim 1, wherein [[, s said]] <u>the</u> bearer network resource manager ~~locates~~ <u>is located</u> in <u>a</u> bearer control layer of [[the]] <u>a</u> multiservice network.

3. (Currently Amended) The method according to claim 1, wherein [[, said]] step A ~~comprising~~ comprises the following steps for establishing the QoS connection initially:

A1. ~~Local~~ a local bearer network resource manager that initiates [[the]] a create connection procedure sending [[a]] an establish connection request to a peer bearer network resource manager; and

A2. the peer bearer network resource manager responding to ~~said creating~~ the establish connection request and creating the QoS [[-based]] connection.

4. (Currently Amended) The method according to claim 3, [[wherein,]] further comprising before step A2 ~~further comprising~~:

[[Peer]] the peer bearer network resource manager judging whether identity of the local bearer network resource manager is valid, and if valid, executing step A2; otherwise, returning a message of unable to create the QoS connection to the local bearer network resource manager.

5. (Currently Amended) The method according to claim 3, wherein [[, the]] information carried in the [[creating]] establish connection request [[comprising:]] comprises identification information and authentication information of the local bearer network resource manager initiating the [[creating]] establish connection request.

6. (Currently Amended) The method according to claim 3, [[wherein,]] further comprising after the said step A2 further comprising:

A3. [[Local]] the local bearer network resource manager periodically sending a handshake message to the peer bearer network resource manager, and determining [[the]] a connection status according to [[the]] a handshake response returned by the peer bearer network resource manager.

7. (Currently Amended) The method according to claim 6, wherein [[, the said]] step A3 [[comprising]] comprises:

A31. [[Creating]] creating a local Keep Active (KA) timer at the local bearer network resource manager, and creating a peer Keep Active (KA) time at the peer bearer network resource manager;

A32. [[When]] when the local KA timer is timeout, the local bearer network resource manager adding 1 to timeout times of the local KA timer and sending a further handshake message to peer bearer network resource manager;

A33. [[After]] after receiving the further handshake message, the peer bearer network resource manager restarting the peer KA timer and returning a handshake response to the local bearer network resource manager; and

A34. [[Local]] the local bearer network resource manager determining the created QoS connection status according to the timeout times of the local KA timer, the peer bearer network resource manager determining the [[QoS]] connection status according to whether the peer KA timer is timeout.

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8. (Currently Amended) The method according to claim 6, wherein [[,]] the information carried in the ~~said~~ handshake message [[including:]] <u>includes</u> connection ID <u>information</u> and connection resource state information.

9. (Currently Amended) The method according to claim 1 [[or 3]], wherein [[, the said]] step B [[comprising:]] <u>comprises</u> [[Local]] <u>a local</u> bearer network resource manager interacting with <u>a</u> peer bearer network resource manager through a plurality of intermediate bearer network resource managers, and [[said]] <u>the</u> intermediate bearer network resource [[manager]] <u>managers</u> only taking charge in message transfer.

10. (Currently Amended) The method according to claim 1 [[or 3, wherein]], <u>further</u> <u>comprising</u> after ~~the said~~ step B ~~further comprising~~:

[[The]] <u>a</u> bearer network resource manager that finally receives [[said]] <u>the</u> QoS information managing and controlling resources of [[the]] <u>a</u> connection node under its control according to the received QoS information.

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11. (Currently Amended) The method according to claim 1, wherein [[, the said]] step B comprising comprises:

B1. [[Local]] a local bearer network resource manager sending a QoS resource control message that carries the QoS information to [[the]] connection nodes under its control as well as to a peer bearer network resource manager;

B2. [[Peer]] the peer bearer network resource manager sending a QoS resource control policy to [[said]] the connection node according to the [[received]] QoS resource control message;

B3. [[After]] after receiving [[said]] the QoS resource control policy, the connection node returning a response of the QoS resource control policy to the said peer bearer network resource manager; and

B4. [[Peer]] the peer bearer network resource manager returning a response of the QoS resource control message to the local bearer network resource manager.

12. (Currently Amended) The method according to claim 11, wherein [[,]] the said QoS resource control message in step B1 [[being :]] includes QoS resource request information, which carries information-like connection identification, stream information, QoS parameters [[and]] or a stream descriptor.

13. (Currently Amended) The method according to claim 11, wherein [[,]] the [[said]] QoS resource control message in step B1 [[being :]] includes a QoS resource release request, which carries information-like a connection identifier [[and]] or a reason code.

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14. (Currently Amended) The method according to claim 11, wherein [[, said]] the QoS resource control message in step B1 [[being :]] includes a QoS resource modify request, which carries information-like a connection identifier and [[the]] modified parameter information corresponding to the QoS [[resource]] connection.

15. (Currently Amended) The method according to claim 11, wherein [[, said]] the QoS resource control message in step B1 [[being]] includes a connection status inquiry message, and [[said]] wherein step B4 [[comprising]] comprises:

[[After]] after receiving the response from the connection node, the peer bearer network resource manager checking resource consistency of the created QoS connection; and

returning a response of the connection status inquiry message to the local bearer network resource manager according to [[the check]] a result of the checking step.

16. (Currently Amended) The method according to claim 15, wherein [[,]] the information carried in [said]] the response of the connection status inquiry message including: Connection includes any one or more of the following: a connection identifier, [[or]] stream information, [[or]] QoS parameters, [[or]] a stream descriptor, [[or]] a label stack, [[or]] a path maximum transmission unit, [[or]] and a bearer network resource manager stack, or any combination of the above elements.

17. (Currently Amended) The method according to claim 5 or claim 8 or claim 12 or claim 13 or claim 14 or claim 16, wherein , said message further carrying the information [[like:]] includes data consistency information.

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18. (Currently Amended) The method according to claim 17, wherein [[, said]] the data consistency information [[comprising:]] comprises a parameter global path maximum transmission unit, a global label stack depth, an intra-domain label stack depth and a stream description. ;

19. (Currently Amended) The method according to claim 11, wherein [[, said]] the connection node [[being]] includes a router.

20. (Currently Amended) The method according to claim 1, wherein [[, said]] the respective bearer network resource manager [[being]] includes a bandwidth broker, [[or being]] a call agent, or [[being]] a connection manager.